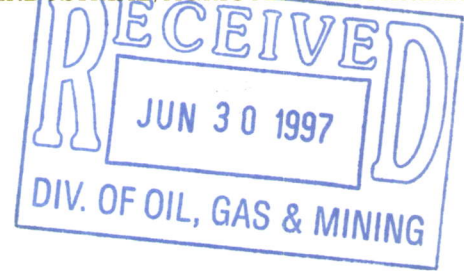


m/015/092

# WESTERN CLAY COMPANY

INDUSTRIAL / AGRICULTURAL MINERALS



D. Wayne Hedberg  
Permit Supervisor  
State of Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Review of large mining plan notice of intention, Western Clay Company, Hebe Gypsum Mine, M/015/0172 (UTU-73779), Emery County, Utah

Dear Mr. Hedberg:

This letter is drafted to provide further information requested by the division in your letter of June, 6 1997. Our responses are formatted in the same manner as that letter to facilitate comparisons.

## **105.2 Surface Facilities Map**

The map intended to be our surface facilities map was titled "Plan of Operations 1997-2008 Hebe Mining Claims".

A copy of a revised map showing stream crossings and cross sections is enclosed with this letter.

## **OPERATION PLAN**

### **106.2 Type of Operations**

Areas C-1 and C-2 are described in the plan under the section "Proposed Operations". These two areas were described together as area C.

The typical blasting schedule will be Monday through Friday to minimize impact on recreation. All blasting occur in daylight hours only.

The fuel containment berm mentioned on page 11 is a berm of native material approximately 18 inches in height meant to contain any spillage of fuel in a small area.

### **106.3 Estimated acreage disturbed, reclaimed annually.**

The spreadsheet that was given to division on February 24<sup>th</sup> matches the schedule on page 13 of the Notice with the only difference being that the schedule for the BLM was approximately 7.17 acres larger than that for DOGM because the BLM right of way covering the haul road is not considered a part of our total acreage under BLM regulations. The schedule on page 13 was intended to be the final estimate of acreage disturbed and reclaimed annually. This schedule was drafted to replace the schedule found on page four of the Notice and the schedule on page four should be disregarded.

On June 12, 1997 Western Clay telephoned Mr. Tony Gallegos of your staff regarding the bond estimate. If any further information is needed please let us know.

The total acreage of 81.5 does not agree with the total shown on the divisions schedule by approximately 7.17 acres. This difference is due to the BLM right of way which has been bonded for separately for the BLM. It was our understanding that the state needed to have this acreage added to our total mine area.

The difference between the calculated 5.65 acres and the declared 7.17 acres is two turn around areas for haul trucks at either end of the road.

**107.1 Public safety and welfare**

Please see enclosed sketches of fence and berm.

**109.3 Impact on existing soils**

Soil material at the mine site will be sufficient and no borrow areas will be needed.

**110.2 Roads, highwalls, etc reclaimed**

There will be no stockpiles of material left at the mine site. Stockpiles will either be hauled away or used as fill material for sloping highwalls and contouring site. The natural contour of the area is flat so grading stockpiles to blend in would mean leveling them anyway.

**113-Surety**

Comments regarding the surety estimate were made to Tony Gallegos during a telephone conversation on June 12, 1997. If any further information is needed please let us know.

For signature line see enclosed signature page.

**DOGM COMMENTS ON EA UT-066-97-8**

It was Western Clay's intention to re-grade the disturbed area to blend in with the natural topography.

Any seed that can be practically gathered within Emery county will be gathered there.

Actual estimates for annual disturbance and reclamation are on page 13 not page 4.

The difference between the two schedules total acreage is that DOGM's schedule included the 7.17 acre right of way. If any other differences are revealed the schedule on page 13 is our best estimate as to disturbance and reclamation.



Fred D. Mortensen  
President

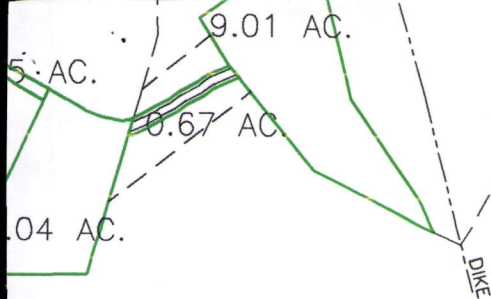


**SIGNATURE REQUIREMENT**

I hereby certify that the foregoing is true and correct.

Signature of Operator	<u>Fred D. Mortensen</u>
Name	Fred D. Mortensen
Title	President
Date	6/13/97





TOTAL 20.42 AC.

SCALE 1"=800'

# FINAL RECLAMATION ( '07-'08)

①

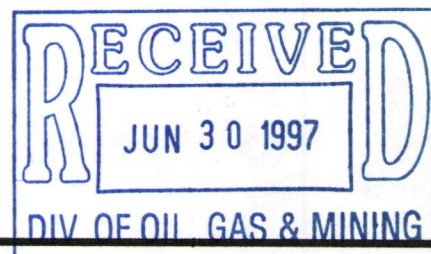
## SCHEDULE

PHASE		DISTURBED				RECLAIMED	
		TOTAL ACRES IN PHASE	ACRES IN ABANDONED ROADWAYS	ACRES IN OVERLAP MINING AREA	ACRES IN ACTIVE ROADWAY	NET DISTURBED ACREAGE (COL.3 - COL.4,5&6)	TOTAL ACRES IN PHASE
1	'97-'99.5	32.43				32.43	1.64
2	'99.5-'02	28.83	0.18	4.57	5.03	19.05	22.62
3	'02-'04.5	25.97	0.32	1.25	4.70	19.70	22.57
4	'04.5-'07	20.31	0.20	6.98	4.49	8.64	14.25
FINAL	'07-'08						20.42
TOTAL		107.54				*81.46	81.50

### AREAS (AC.)

A	1.64
B	2.22
C-1	3.73
C-2	37.44
D	3.50
E	32.97
TOTAL	81.50

\*81.46 INCLUDES THE 1.64 AC. DISTURBED PRE-1997  
\*TOTAL IS NOT IDENTICAL TO RECLAIMED BECAUSE OF  
MULTIPLE AREA SPLITS AND ROUNDING.



REVISIONS:  
2-23-97  
6-26-97

## WESTERN CLAY COMPANY

PLAN OF OPERATIONS 1997-2008  
HEBE MINING CLAIMS

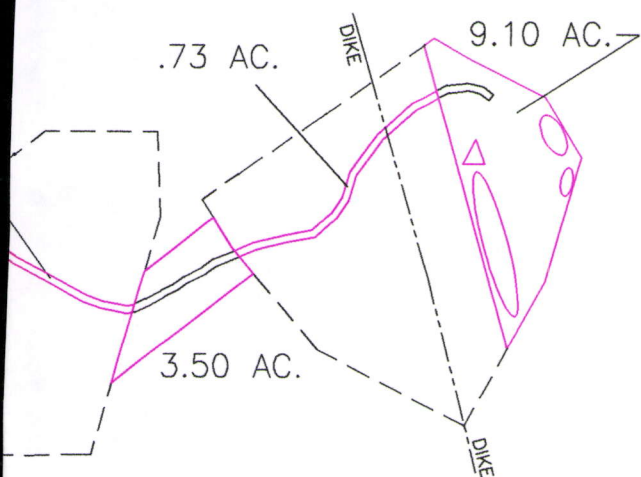
DATE 11-27-96

SCALE VARIES

P.O. BOX 127, AURORA, UTAH 84620  
(801) 529-3281

DRAWING NO.

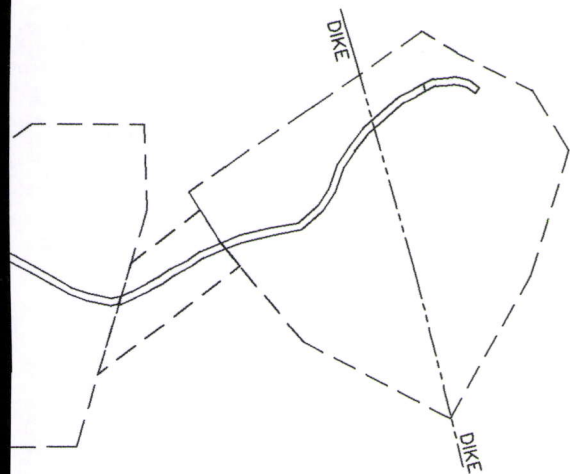
('97-'99.5)



TOTAL 32.41 AC.

SCALE 1"=800'

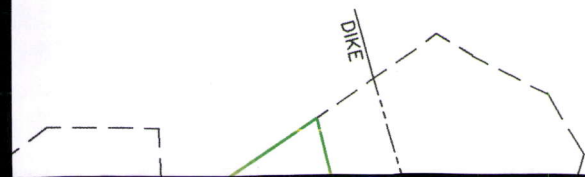
## DISTURBED AREAS

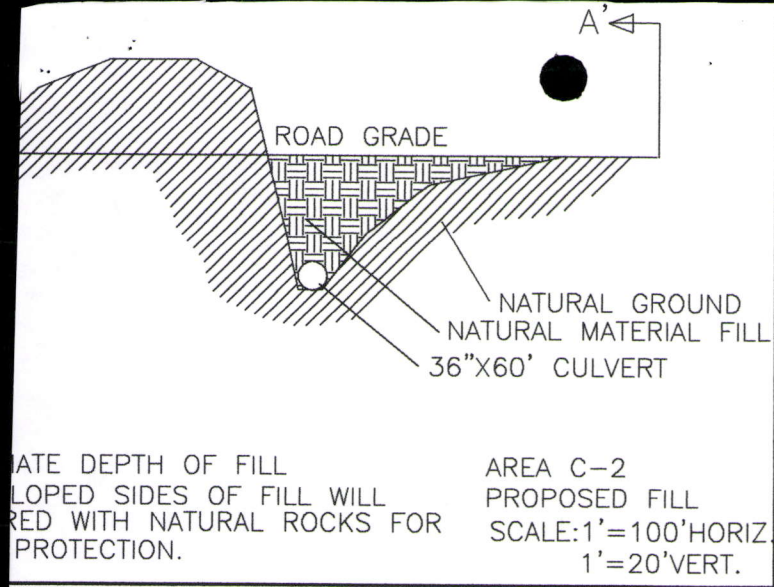


TOTAL 1.64 AC.

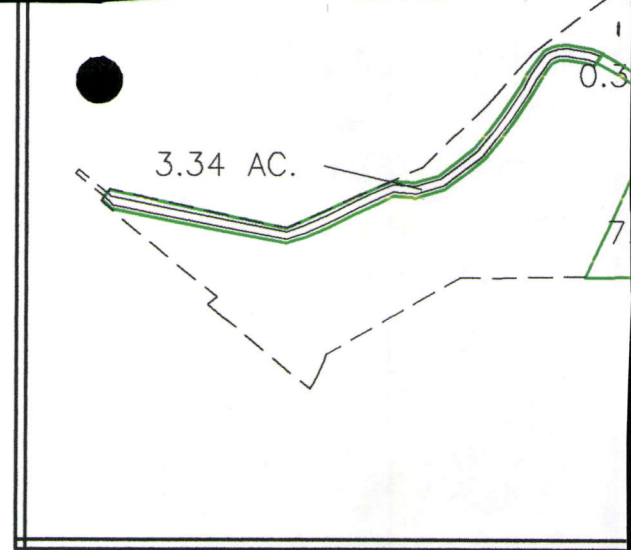
SCALE 1"=800'

## RECLAMATION SCHEDULE





(3)



## LEGEND



OVERBURDEN



CRYPTOGAMIC SO

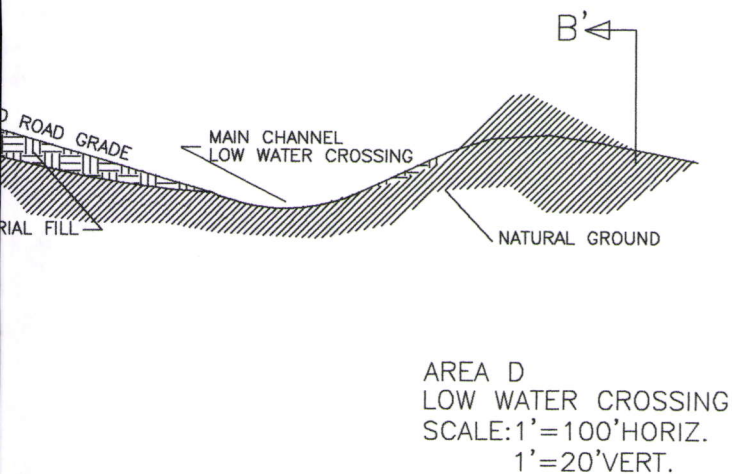


ENDANGERED SP  
SEED BED SOIL



EQUIPMENT STOP

## X-SECTION B-B'

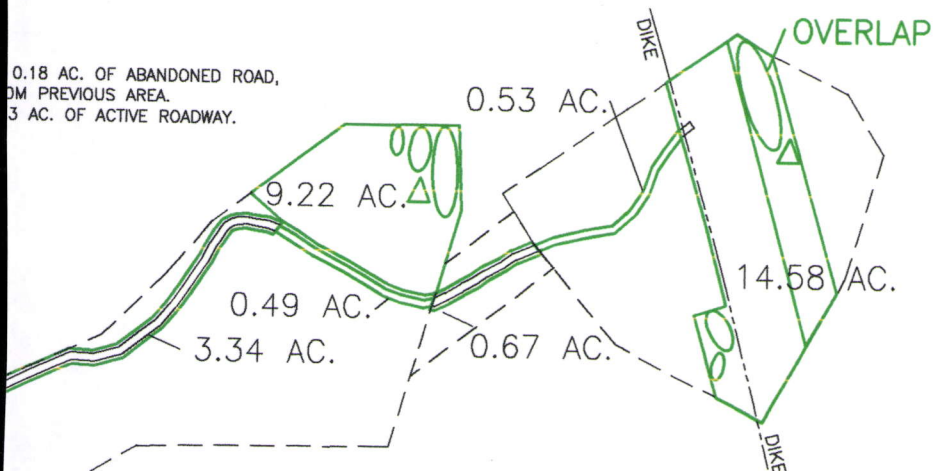




GE 2 ('99.5-'02)

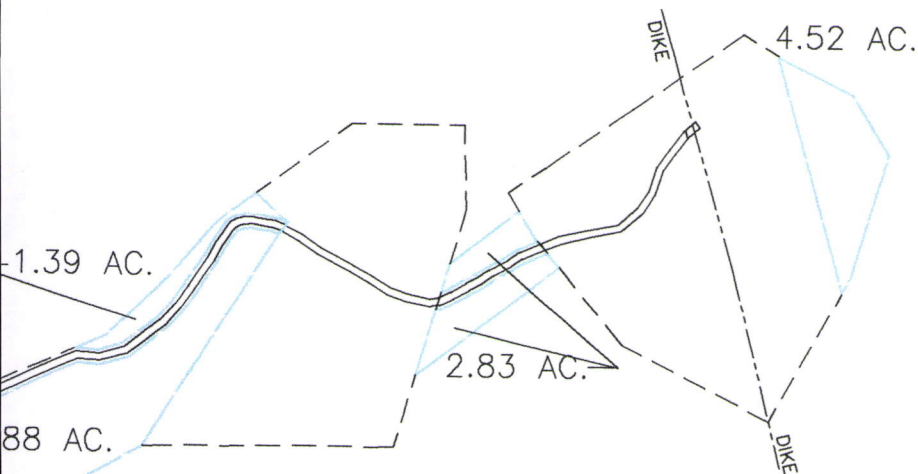
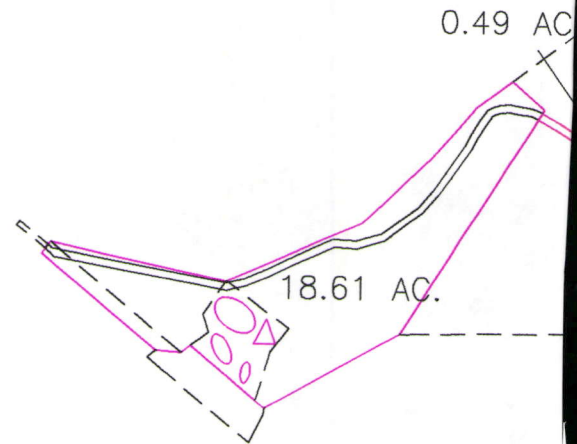
(4)

STAGE 1



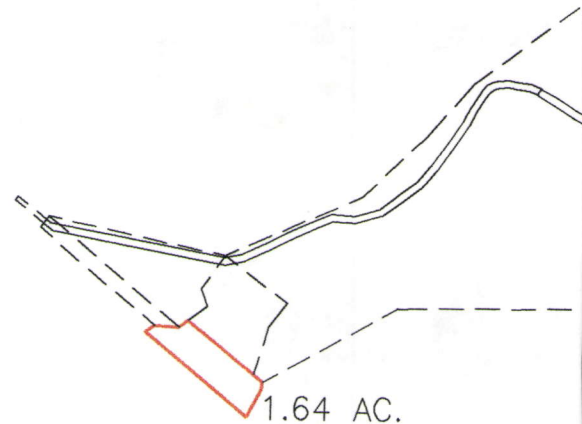
TOTAL 28.83 AC.

SCALE 1"=800'

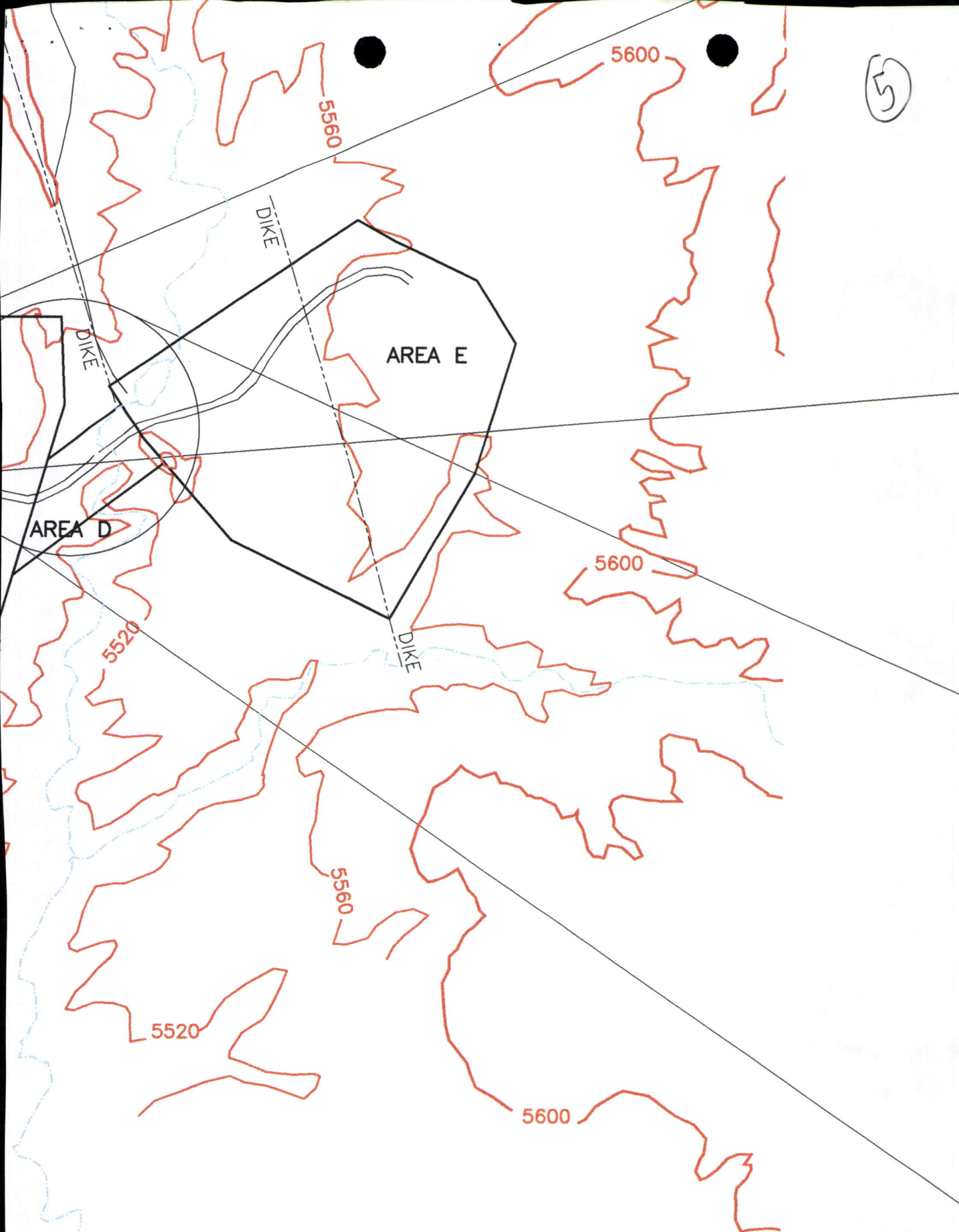


TOTAL 22.62 AC.

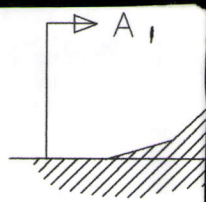
SCALE 1"=800'



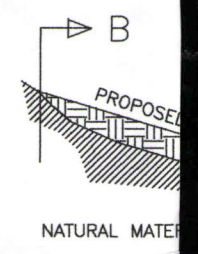
X-SECTION A-A'



5



NOTE: APPROXIMATE  
IS 14'. S  
BE COVER  
EROSION

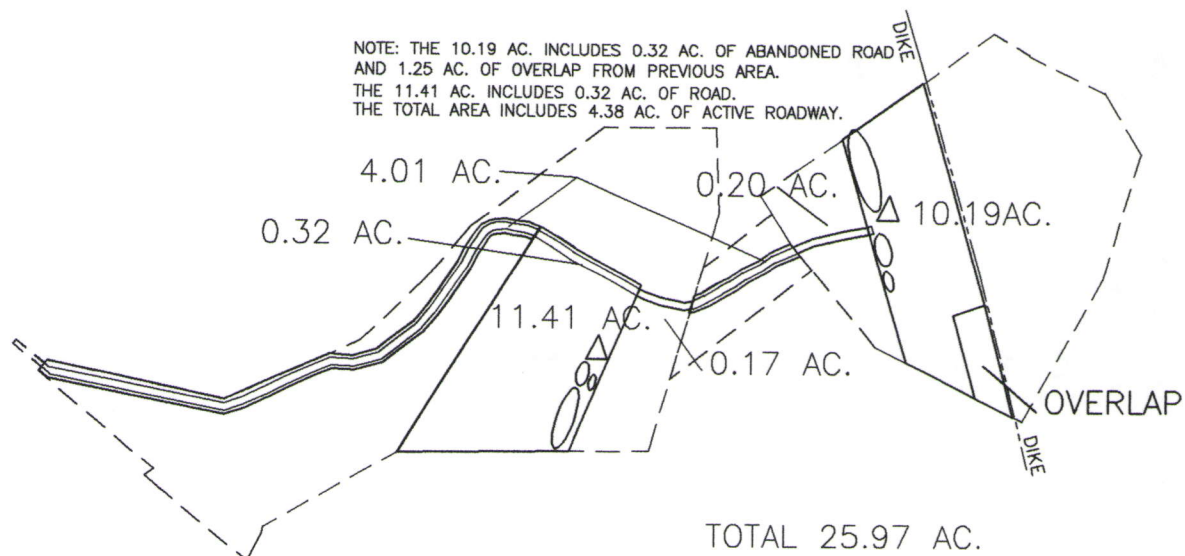




# STAGE 3 ('02-'04.5) ⑥

STA

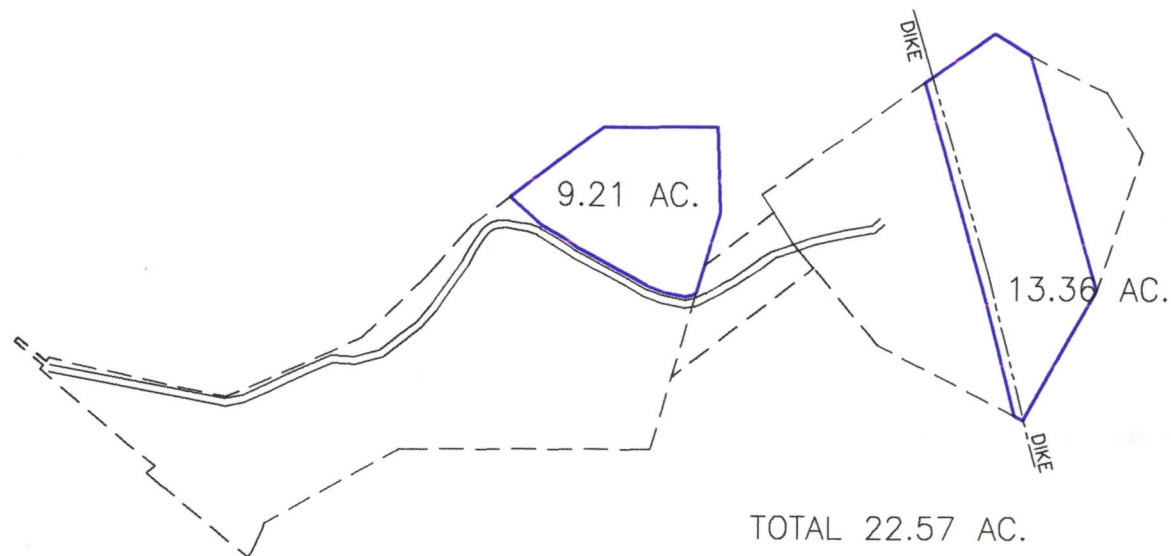
NOTE: THE 10.19 AC. INCLUDES 0.32 AC. OF ABANDONED ROAD  
AND 1.25 AC. OF OVERLAP FROM PREVIOUS AREA.  
THE 11.41 AC. INCLUDES 0.32 AC. OF ROAD.  
THE TOTAL AREA INCLUDES 4.38 AC. OF ACTIVE ROADWAY.



TOTAL 25.97 AC.

SCALE 1"=800'

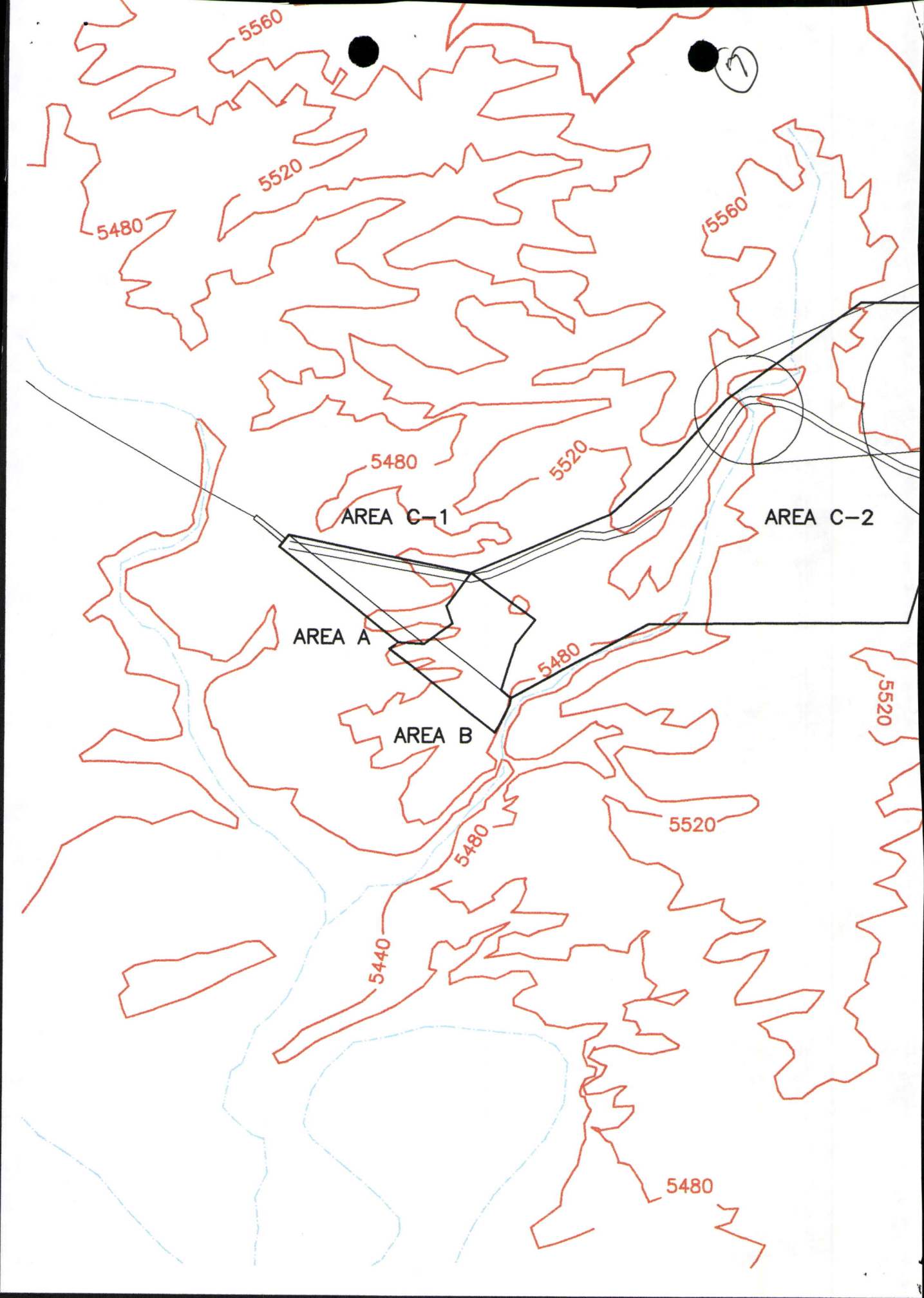
NOTE: THE 14.58 AC. INCLUDES  
AND 4.57 AC. OF OVERLAP FROM  
THE TOTAL AREA INCLUDES 5.0



TOTAL 22.57 AC.

SCALE 1"=800'

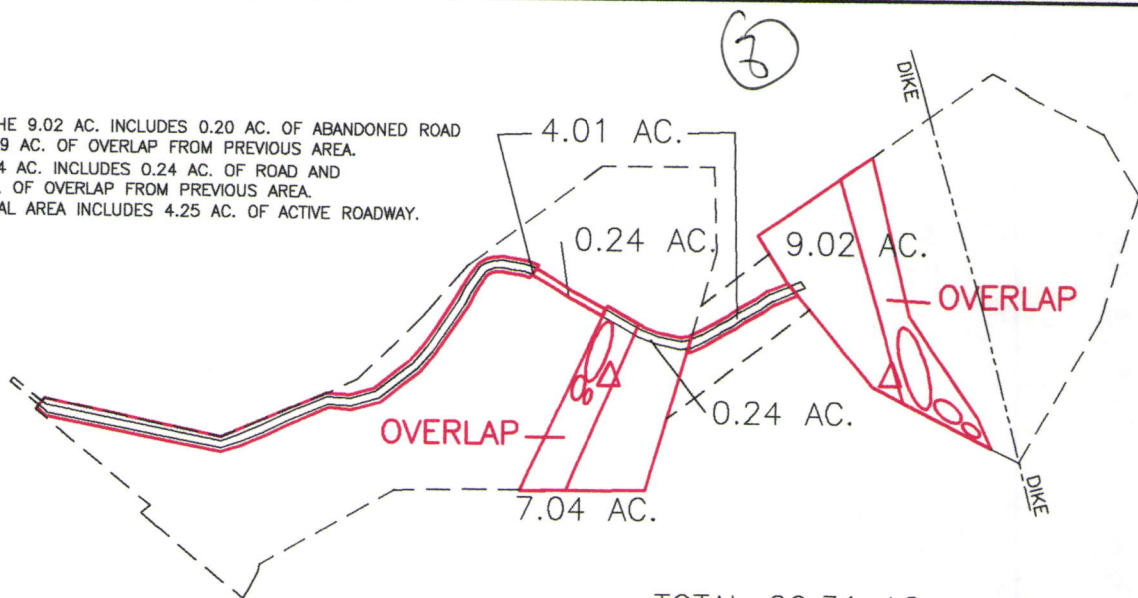
13





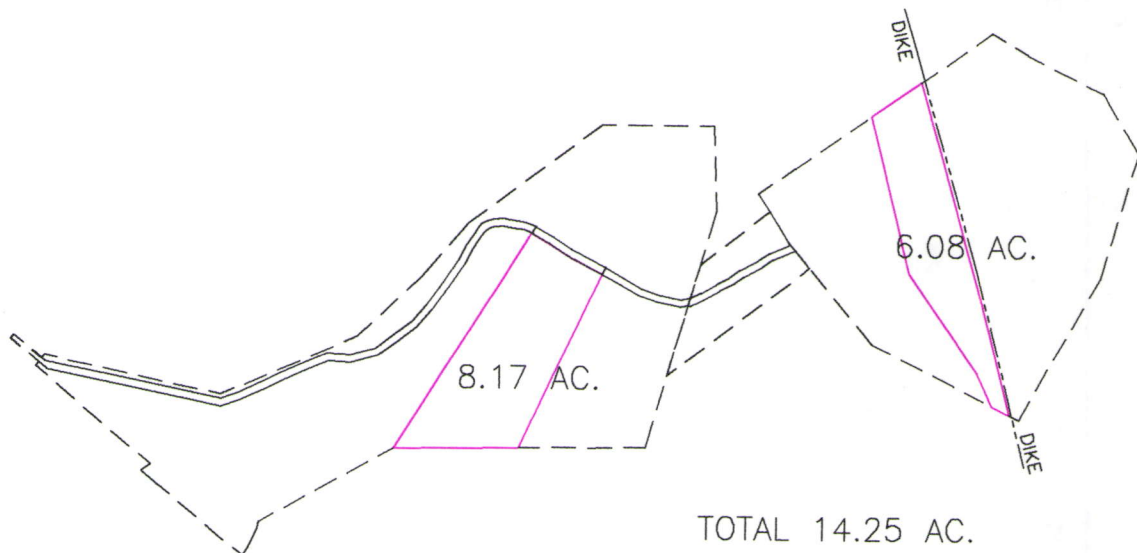
# STAGE 4 ('04.5-'07)

NOTE: THE 9.02 AC. INCLUDES 0.20 AC. OF ABANDONED ROAD AND 4.09 AC. OF OVERLAP FROM PREVIOUS AREA.  
THE 7.04 AC. INCLUDES 0.24 AC. OF ROAD AND 2.89 AC. OF OVERLAP FROM PREVIOUS AREA.  
THE TOTAL AREA INCLUDES 4.25 AC. OF ACTIVE ROADWAY.



TOTAL 20.31 AC.

SCALE 1"=800



TOTAL 14.25 AC.

SCALE 1"=800

